

**WASHINGTON STATE DEPARTMENT OF HEALTH
OFFICE OF FOOD SAFETY AND SHELLFISH PROGRAMS**

ANNUAL GROWING AREA REVIEW

PREPARED BY: Donald Melvin, Environmental Specialist

AREA: Dabob Bay

YEAR ENDING: December 31, 2005

CLASSIFICATION: Approved

ACTIVITIES IN THE GROWING AREA IN 2005:

Samples were collected from each station in the growing area a minimum of 6 times during the year using the systematic random sampling method. Shellfish harvested from the Chico Bay area in Dyes Inlet were relayed into the Tarboo Bay area in Dabob Bay. A warm period relay validation study was successfully completed in Tarboo Bay.

ANALYTICAL RESULTS OF WATER SAMPLES:

Table #1 summarizes the results of all samples collected from the area. This summary shows that all stations in the area pass the NSSP water quality standard.

CHANGE IN ACTUAL POLLUTION SOURCES THAT IMPACT THE GROWING AREA:

We currently have no information indicating that the area has new sources of pollution.

CLASSIFICATION STATUS:

- ☒ Well within the classification standards
- ☐ Meets standards but some concerns
- ☐ Meets standards but threatened with a downgrade in classification
- ☐ Fails to meet classification standards

REMARKS AND RECOMMENDATIONS:

Table #1 shows that all stations meet the NSSP water quality standards for approved classification and the area is correctly classified.

TABLE 1**SUMMARY OF MARINE WATER DATA (SRS)**Growing Area: **DABOB BAY**Classification: **Approved,Unclassified**From **12/19/2000** To **12/20/2005****FECAL COLIFORM ORGANISMS/100 ML**

Station Number	Classification	Number of Samples	Range	Geometric Mean	Est. 90th Percentile	Meets Std.
96	Approved	30	1.7 - 6.8	1.8	2.0	Yes
97	Approved	30	1.7 - 7.8	2.0	3.0	Yes
98	Approved	30	1.7 - 17.0	2.2	4.0	Yes
99	Approved	30	1.7 - 13.0	1.9	3.0	Yes
100	Approved	30	1.7 - 4.5	1.7	2.0	Yes
102	Approved	31	1.7 - 6.8	1.8	2.0	Yes
105	Approved	30	1.7 - 7.8	1.8	2.0	Yes
106	Approved	30	1.7 - 7.8	1.8	2.0	Yes
107	Approved	31	1.7 - 6.8	1.8	2.0	Yes
109	Approved	31	1.7 - 4.5	1.8	2.0	Yes
110	Approved	31	1.7 - 2.0	1.7	1.0	Yes
111	Approved	31	1.7 - 2.0	1.7	1.0	Yes
112	Approved	31	1.7 - 34.0	2.6	7.0	Yes
113	Approved	31	1.7 - 4.5	1.8	2.0	Yes
294	Approved	49	1.7 - 130.0	2.2	6.0	Yes
295	Approved	49	1.7 - 23.0	2.2	4.0	Yes
296	Approved	49	1.7 - 17.0	2.5	5.0	Yes
297	Unclassified	48	1.7 - 49.0	2.2	5.0	Yes

All tides information is presented

The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms/100 ml and an estimate of the 90th percentile not greater than 43 organisms/100 ml. The above table shows bacteriological results in relation to program standards.

* N/A - SRS criteria require a minimum of 30 samples from each station. *

DABOB BAY

